



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

PC250-600A Job Sheet 198450



Part No: PC250-600A

Job Qty: 3 pcs

Part Name: Bell Crank Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/30/19

Job Tracking No:

Due Date: 7/15/19

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: DWG PC250-600A REV 2 IPP REV A 18.06.21 NEW ISSUE FK VERIFY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Small Fab - 1	3 pcs	7/15/19		0.00	3.00	Small Fab - 1		
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
120	QC 5	3 pcs	7/15/19		0.00	0.00	QC 5 - 10		Michel 2019-7-31 / 8/2019-7-2019
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
121	Outsource - 15 - Nickel Plate	3 pcs	7/15/19				QC 5 - 30		JUL 31 2019
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		
							GRO002-VC		
122	Packaging 2-2 - Receive - B4B	3 pcs	7/15/19		0.00	0.00	Packaging 2 - 1 - B4B		AUG 08 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S201481



Part: PC250-600A

Job No: 198450

Serial No/Batch: S201481

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 07/30/19

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JUL 31 2019

AUG 07-31

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					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
123	QC 6	3 pcs	7/15/19	0.00 0.00	QC 6 - 9	DAS AUG 08 2019 68 9-89
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
					QC 6 - 81	
130	Packaging 3-1 - Stock - B4B	3 pcs	7/15/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Plex 7/30/19 8:20 AM Dart.Renwick.Jennife	

				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140	QC 21 - SA	3 pcs	7/15/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Dana M

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GA 209

Part Op 110 - Small Fab-3 (Small Fab) 1-Assemble as per DWG.
 Descriptions: 120 - QC5 (QC5- Inspect part completeness to step on W/O)
 121 - -Issue P/O to GROUPE ALTECH: P/O 44157 -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate
 .0004- .0006 -Bake after plating -Material type; 4140 -Certificate of Conformity is required
 130 - Packaging3-1 (Identify as per dwg & Stock Location:_____
 140 - QC21 (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
PC250-600	Bell Crank	3 pcs (1 ea)	110-Small Fab - 1	5196293
PC250-660 P	Crank Bushing	3 pcs (1 ea)	110-Small Fab - 1	5029563

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	PC250-600	3	5	0
	PC250-660	3	7	0

Part Specifications

Specifications could not be found.

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Dart Aerospace Ltd.
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Tel (613) 632-5200
Fax 613 632-5246

PC250-600A
Job Sheet 196182



Cancelled

Part No: PC250-600A

Job Qty: ~~2 pcs~~

Part Name: Bell Crank Assembly



3 pcs. B.A

Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/7/19

Job Tracking No:

Due Date: 7/15/19

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: DWG PC250-600A REV 2 IPP REV A 18.06.21 NEW ISSUE FK VERIFY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Small Fab - 1	2 pcs	7/15/19	7/15/19	0.00	2.00	Small Fab - 1		
							Small Fab - 2		
120	QC 5	2 pcs	7/15/19	7/15/19	0.00	0.00			
130	Packaging 3-1 - Stock - B4B	2 pcs	7/15/19	7/15/19	0.00	0.00	QC 5 - 40		
							Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		
							Packaging 3 - 7 - B4B		
							Packaging 3 - 8 - B4B		
							Packaging 3 - 9 - B4B		
							Packaging 3 - 10 - B4B		
							Packaging 3 - 11 - B4B		
							Packaging 3 - 12 - B4B		
							Packaging 3 - 13 - B4B		
							Packaging 3 - 14 - B4B		
							Packaging 3 - 15 - B4B		
							Packaging 3 - 16 - B4B		
							Packaging 3 - 17 - B4B		
							Packaging 3 - 18 - B4B		

*Waiting Job 196181
PC250-600*

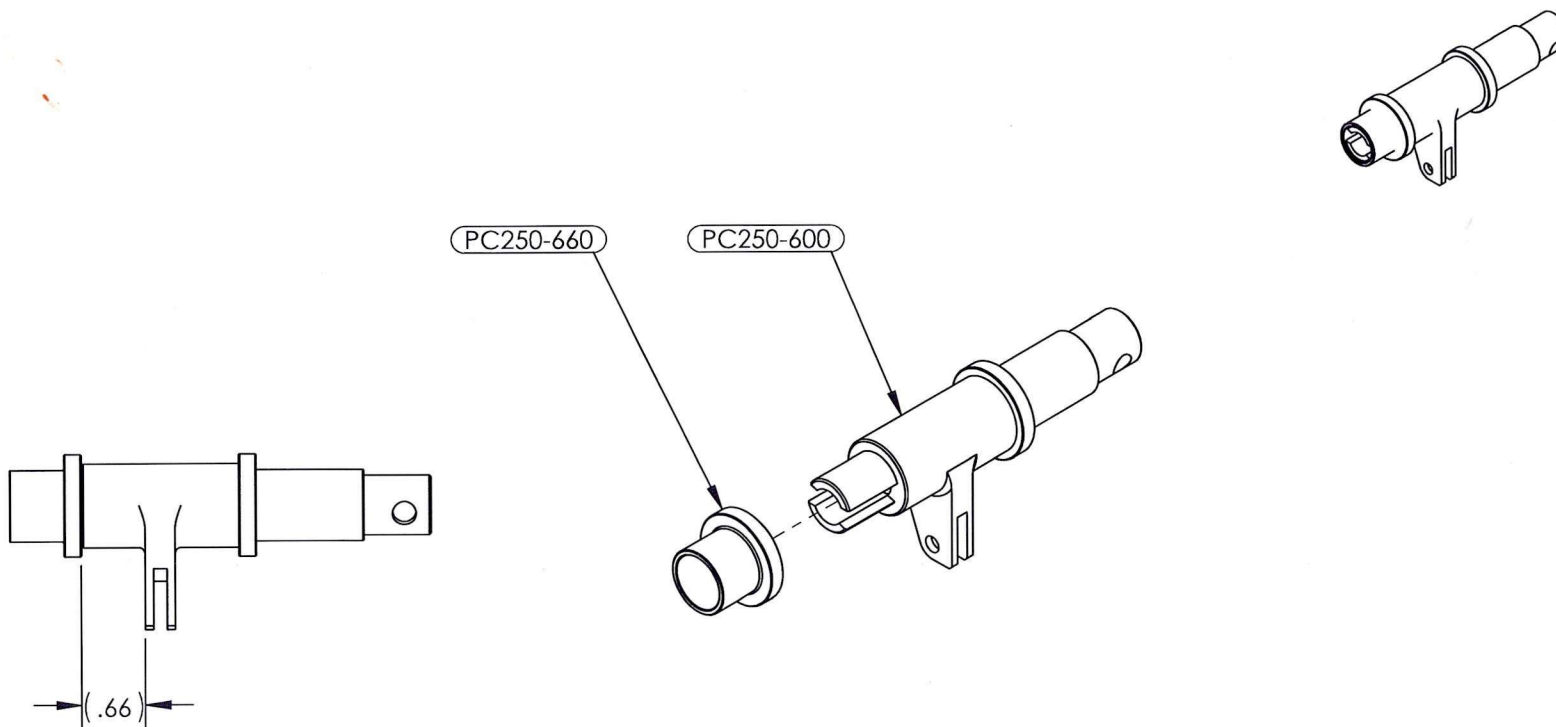
Plex 6/7/19 1:16 PM Dart.Renwick.Jennife

				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140	QC 21 - SA	2 pcs	7/15/19	0.00	0.00
				QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	
Part Op 110 - Small Fab-3 (Small Fab) 1-Assemble as per DWG. Descriptions: 120 - QC5 (QC5- Inspect part completeness to step on W/O) 130 - Packaging3-1 (Identify as per dwg & Stock Location: _____) 140 - QC21 (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
PC250-600	Bell Crank	2 pcs (1 ea)	110-Small Fab - 1	5196293 5029563	
PC250-660	Crank Bushing	2 pcs (1 ea)	110-Small Fab - 1		
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
110-Small Fab - 1	PC250-600	2	0	0	
	PC250-660	2	0	0	
Part Specifications					
Specifications could not be found.					

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
		AS DRAWN BY APICAL.	6/14/2013	CFS	
1		-600 ADDED NOTE NICKEL PLATE APPLIED AT ASSEMBLY. -660 CH'D RADIUS WAS R.016 MAX IS R.02 MAX. ADDED NOTE NICKEL PLATE APPLIED AT ASSEMBLY.	9/20/2013	CFS	GE
2	14-0128	CH'D TITLE BLOCK WAS RED BARN IS DART. PC250-600 ADDED MACHINE ENGRAVE NOTE, CH'D B/O INFO WAS 1-1/8 X 2 X 4-1/2 IS Ø2-7/8 X 4-1/2. PC250-660 ADDED BAG & LABEL NOTE. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	8/14/2014	DPD	RW



NOTE:
NICKEL PLATE .0004 - .0006, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE BELL CRANK ASSEMBLY	
DWG NO. PC250-600A	REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: APICAL APPROVED: <i>D West</i> HEAT TREAT: HRC 42-44 FINISH: SEE NOTE 1 SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL	
SCALE 1:2	DATE 5/25/2004 SHEET 1 OF 3

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			PC250-600	1	BELL CRANK	4140	Ø2-7/8 X 4-1/2	2
			PC250-660	1	CRANK BUSHING	4140	Ø1-1/8 X 7/8	3



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044157



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044157

PO Date: 7/31/19

Due Date: 8/8/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-08-07

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	195344	C45-15	Keeperless Adapter (Outside Processing - Nickel Plate)-Issue P/O -All noncertified parts specifying a finish of Nickel Plating per QQ-N-290, or parts with drawings that are missing a specification Can be Nickel Plated per ASTM B733 Type 4/5, SC0-SC4 or MIL-C-26074 Class 1/2 -Material type; 4140 -Heat treat must be carried out to specified hardness if noted on the drawing. -Plating thickness must be carried out as specified on the drawing. -Certificate of Conformity is required	Firmed	-	8/8/19	6 pcs	0 pcs	6 pcs	\$12.6315/pcs	\$75.79

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PURCHASE ORDER

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Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
12	197209	C45-13-4	Keeper (Outside Processing - Nickel Plate) -Issue P/O; _____ -All noncertified parts specifying a finish of Nickel Plating per QQ-N-290, or parts with drawings that are missing a specification Can be Nickel Plated per ASTM B733 Type 4/5, SC0-SC4 or MIL-C-26074 Class 1/2 -Material type; 4140/4142 -Heat treat must be carried out to specified hardness if noted on the drawing. -Plating thickness must be carried out as specified on the drawing. -Certificate of Conformity is required	Firmed	-	8/8/19	10 pcs	0 pcs	10 pcs	\$12.6315/pcs	\$126.32
3	198450	PC250-600A	Bell Crank Assembly --Issue P/O; _____ -All noncertified parts specifying a finish of Nickel Plating per QQ-N-290, or parts with drawings that are missing a specification Can be Nickel Plated per ASTM B733 Type 4/5, SC0-SC4 or MIL-C-26074 Class 1/2 -Material type; 4140 -Heat treat must be carried out to specified hardness if noted on the drawing. -Plating thickness must be carried out as specified on the drawing. -Certificate of Conformity is required	Firmed	-	8/8/19	3 pcs	0 pcs	3 pcs	\$12.6315/pcs	\$37.89
Grand Total:										\$240.00	

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Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
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Tel (613) 632-5200

PURCHASE ORDER

POHB044157



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/1/19 4:19 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(021206-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip

021206 - 1

Livré à / Ship to

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
05-Aug-2019		Jessie Boisvert		POHB044157 ✓				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order
1	C45-15-6 Rev. <i>No-6</i>	C45-15-6 E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733 TYPE 4/5, SCO- SC4 OR MIL-C-26074 CLASS 1/2 0.0004-0.0006 THICKNESS BAKE AFTER PLATING	E-NICKEL STEEL CH	6	6 ✓	0	0	0
2	C45-13-4 ✓ Rev.	C45-13-4 E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733 TYPE 4/5, SCO- SC4 OR MIL-C-26074 CLASS 1/2 0.0004-0.0006 THICK BAKE AFTER	E-NICKEL-200 CH	10	10 ✓	0	0	0
3	PC250-600A ✓ Rev.	PC250-600A E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733 TYPE 4/5, SCO- SC4 OR MIL-C-26074 CLASS 1/2 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL STEEL CH	3	3 ✓	0	0	0

RECEIVED

AUG 07 2019

DART AEROSPACE LTD.

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AUG 07 2019
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Jessie

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.